

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	643	(712/228).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/12/07 09:34
S1	456	(712/228).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2004/08/09 08:20
S2	318	(712/228).CCLS.	USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2004/01/12 09:54
S3	2	((712/228).CCLS.) and (map\$3 near4 (cache and memory))	USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/05/30 15:43
S4	8	((712/228).CCLS.) and (map\$3 with (cache and memory))	USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/05/30 15:47
S5	179	((712/228).CCLS.) and cache	USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/05/30 15:48
S6	112	((712/228).CCLS.) and (data adj1 cache)	USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/05/30 15:48
S7	29	((712/228).CCLS.) and ((context adj1 switch\$3) and (data adj1 cache))	USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/05/30 15:49
S8	2	((("5727211") or ("5806522")).PN.	USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2003/06/02 08:49
S9	1	("5809522").PN.	USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2003/06/02 08:50
S10	548	(712/228).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2005/09/15 14:23
S11	16	cach\$3 near4 (line\$1 or record\$4 or entr\$3) near4 ((least adj1 recently adj1 used adj1 bit\$1) or (used adj1 bit\$1))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/09/15 14:31

## EAST Search History

S12	0	((context or process\$3) adj1 (switch\$3 or chang\$3)) near4 cach\$3 near4 (recent\$3 adj4 us\$3 adj4 bit\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/09/15 15:59
S13	0	((context or process\$3) adj1 (switch\$3 or chang\$3)) with cach\$3 with (recent\$3 adj4 us\$3 adj4 bit\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/09/15 16:00
S14	0	((context or process\$3) adj1 (switch\$3 or chang\$3)) same cach\$3 same (recent\$3 adj4 us\$3 adj4 bit\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/09/15 16:00
S15	11	((context or process\$3) adj1 (switch\$3 or chang\$3)) same cach\$3 and (recent\$3 adj4 us\$3 adj4 bit\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/09/15 16:21
S16	11	((context or process\$3) near4 (switch\$3)) same cach\$3 and (recent\$3 adj4 us\$3 adj4 bit\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/09/15 16:23
S17	19	((context or process\$3) with (switch\$3)) same cach\$3 and (recent\$3 adj4 us\$3 adj4 bit\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/09/16 11:33
S18	314	(often or frequenc\$3 or count\$3) with (cache near4 (line\$1 or entr\$3 or record\$4) near4 (access\$3 or read\$4 or look\$3))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/09/16 10:24
S19	194	(often or frequenc\$3 or count\$3) near4 (cache near4 (line\$1 or entr\$3 or record\$4) near4 (access\$3 or read\$4 or look\$3))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/09/16 10:24
S20	130	(often or frequenc\$3 or count\$3) near4 (cache near4 (line\$1 or entr\$3 or record\$4) near4 access\$3)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/09/16 10:24
S21	22	often near4 (cache near4 (line\$1 or entr\$3 or record\$4) near4 access\$3)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/09/16 11:26
S22	34	frequency near4 (cache near4 (line\$1 or entr\$3 or record\$4) near4 access\$3)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/09/16 11:26
S23	2	((context or process\$3) with (switch\$3)) near4 cach\$3 near4 restor\$3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/09/16 11:34

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S24	6	((context or process\$3) with (switch\$3)) with (cach\$3 near4 restor\$3)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/09/16 11:36
S25	44	((context or process\$3) with (switch\$3)) same (cach\$3 near4 restor\$3)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/09/16 11:41
S26	581	(712/228).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/01/24 15:58
S27	0	((context adj1 switch\$3) or (\$6thread\$3 adj1 switch\$3)) and (cach\$3 near4 (load\$3 or restor\$3) near4 (us\$3 near4 (signal\$1 or flag\$3 or indicat\$3)))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/24 16:01
S28	0	((context adj1 switch\$3) or (\$6thread\$3 adj1 switch\$3)) and (cach\$3 near4 (\$3load\$3 or restor\$3) near4 (us\$3 near4 (signal\$1 or flag\$3 or indicat\$3)))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/24 16:01
S29	5	((context adj1 switch\$3) or (\$6thread\$3 adj1 switch\$3)) with (cach\$3 near4 (recover\$4 or \$1re?load\$3 or \$1re?fetch\$3 or \$1re?read\$3))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/26 12:10
S30	122	((context adj1 switch\$3) or (\$6thread\$3 adj1 switch\$3)) with (cach\$3 near4 (recover\$4 or \$4load\$3 or \$4fetch\$3 or \$4read\$3))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/30 16:33
S31	32	((context adj1 switch\$3) or (\$6thread\$3 adj1 switch\$3)) with (cach\$3 near4 (recover\$4 or \$4load\$3 or \$4fetch\$3 or \$4read\$3) with (memor\$3))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/26 12:12
S32	0	((context adj1 switch\$3) or (\$5thread\$3 adj1 switch\$3)) near4 register\$1 near4 (\$4load\$3 or \$4fetch\$3 or \$4read\$3 or restor\$3 or recover\$3) near4 (us\$5 near4 (flag\$5 or indicat\$4 or signal\$4 or tag\$4))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/26 12:23

## EAST Search History

S33	1	((context adj1 switch\$3) or (\$5thread\$3 adj1 switch\$3)) with register\$1 with (\$4load\$3 or \$4fetch\$3 or \$4read\$3 or restor\$3 or recover\$3) near4 (us\$5 near4 (flag\$5 or indicat\$4 or signal\$4 or tag\$4))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/26 12:25
S34	23	((context adj1 switch\$3) or (\$5thread\$3 adj1 switch\$3)) with register\$1 with (\$4load\$3 or \$4fetch\$3 or \$4read\$3 or restor\$3 or recover\$3) with (us\$5 near4 (flag\$5 or indicat\$4 or signal\$4 or tag\$4))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/26 12:28
S35	0	((context adj1 switch\$3) or (\$5thread\$3 adj1 switch\$3)) with (lazy near4 state near4 sav\$3 near4 register\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/26 12:28
S36	0	((context adj1 switch\$3) or (\$5thread\$3 adj1 switch\$3)) same (lazy near4 state near4 sav\$3 near4 register\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/26 12:28
S37	0	(lazy near4 state near4 sav\$3 near4 register\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/26 12:28
S38	25	((context adj1 switch\$3) or (\$5thread\$3 adj1 switch\$3)) same ((part\$7 or portion\$1) near4 sav\$3 near4 register\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/26 12:29
S39	77	((context adj1 switch\$3) or (\$5thread\$3 adj1 switch\$3)) same ((dirty or us\$3) near4 (flag\$5 or tag\$5 or signal\$1 or bit\$1 or indicat\$3) near4 register\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/26 12:33
S40	77	((context adj1 switch\$3) or (\$5thread\$3 adj1 switch\$3)) same ((dirty or us\$3) near4 (flag\$5 or tag\$5 or signal\$1 or bit\$1 or indicat\$4) near4 register\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/26 12:37
S41	40	((context adj1 switch\$3) or (\$5thread\$3 adj1 switch\$3)) same (((dirty or us\$3) adj2 (flag\$5 or tag\$5 or signal\$1 or bit\$1 or indicat\$4)) near4 register\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/26 12:37
S42	66	((context adj1 switch\$3) or (\$6thread\$3 adj1 switch\$3)) near4 (cach\$3 near4 (recover\$4 or \$4load\$3 or \$4fetch\$3 or \$4read\$3))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/30 16:42

## EAST Search History

S43	616	(712/228).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/08/16 13:16
S44	5	((context adj1 switch\$3) or (\$6thread\$3 adj1 switch\$3)) with (cach\$3 near4 (recover\$4 or \$1re?load\$3 or \$1re?fetch\$3 or \$1re?read\$3))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/08/16 14:20
S45	37	((context adj1 switch\$3) or (\$6thread\$3 adj1 switch\$3)) with (cach\$3 near4 (recover\$4 or \$4load\$3 or \$4fetch\$3 or \$4read\$3) with (memor\$3))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/08/16 15:19
S46	23	((context adj1 switch\$3) or (\$5thread\$3 adj1 switch\$3)) with register\$1 with (\$4load\$3 or \$4fetch\$3 or \$4read\$3 or restor\$3 or recover\$3) with (us\$5 near4 (flag\$5 or indicat\$4 or signal\$4 or tag\$4))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/08/16 15:19
S47	29	((context adj1 switch\$3) or (\$5thread\$3 adj1 switch\$3)) same ((part\$7 or portion\$1) near4 sav\$3 near4 register\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/08/16 15:30
S48	78	((context adj1 switch\$3) or (\$5thread\$3 adj1 switch\$3)) same ((dirty or us\$3) near4 (flag\$5 or tag\$5 or signal\$1 or bit\$1 or indicat\$3) near4 register\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/08/16 15:30
S49	41	((context adj1 switch\$3) or (\$5thread\$3 adj1 switch\$3)) same (((dirty or us\$3) adj2 (flag\$5 or tag\$5 or signal\$1 or bit\$1 or indicat\$4)) near4 register\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/08/16 15:30
S50	78	((context adj1 switch\$3) or (\$5thread\$3 adj1 switch\$3)) same ((dirty or us\$3) near4 (flag\$5 or tag\$5 or signal\$1 or bit\$1 or indicat\$4) near4 register\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/08/16 15:30
S51	73	((context adj1 switch\$3) or (\$6thread\$3 adj1 switch\$3)) near4 (cach\$3 near4 (recover\$4 or \$4load\$3 or \$4fetch\$3 or \$4read\$3))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/08/16 15:30
S52	0	((context adj1 switch\$3) near4 map\$4 near4 cach\$3 near4 \$3load\$3).clm.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/08/16 15:43

## EAST Search History

S53	0	((context adj1 switch\$3) with map\$4 with cach\$3 with \$3load\$3).clm.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/08/16 15:43
S54	0	((context with switch\$3) with map\$4 with cach\$3 with \$3load\$3).clm.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/08/16 15:43
S55	2	(switch\$3 with map\$4 with cach\$3 with \$3load\$3).clm.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/08/16 16:10
S56	3	(switch\$3 same map\$4 same cach\$3 same \$3load\$3).clm.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/08/16 16:10


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#1

```
(((context <near/1> (switch <or> switches <or> switching <or>
switched)) or ((thread <or> threading <or> threaded <or>
threads <or> multi-thread <or> multi-threading <or> multi-
threaded <or> multi-threads)<near/1> (switch <or> switches
<or> switching <or> switched))) <sentence> ((cache <or>
caching <or> caches <or> cached) <near/4> (recover <or>
recovered <or> recovering <or> recovers)))<in>metadata)
```

#2

```
(((context <near/1> (switch <or> switches <or> switching <or>
switched)) or ((thread <or> threading <or> threaded <or>
threads <or> multi-thread <or> multi-threading <or> multi-
threaded <or> multi-threads)<near/1> (switch <or> switches
<or> switching <or> switched))) <sentence> ((cache <or>
caching <or> caches <or> cached) <near/4> (recover <or>
recovered <or> recovering <or> recovers)))<in>metadata)
```

#3

```
(((switch <or> switching <or> switches <or> switched)
<paragraph> (map <or> maps <or> mapped <or> mapping)
<paragraph> (cache <or> caching <or> caches <or> cached)
<paragraph> (load <or> loads <or> loading <or> loaded <or>
pre-load <or> pre-loads <or> pre-loading <or> pre-loaded))
<in>metadata)
```

#4

```
(((switch <or> switching <or> switches <or> switched)
<paragraph> (map <or> maps <or> mapped <or> mapping)
<paragraph> (cache <or> caching <or> caches <or> cached)
<paragraph> (load <or> loads <or> loading <or> loaded <or>
pre-load <or> pre-loads <or> pre-loading <or> pre-loaded))
<in>metadata)
```

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#1 (((context <near/1> (switch <or> switches <or> switching <or> switched)) or ((thread <or> threading <or> threaded <or> threads <or> multi-thread <or> multi-threading <or> multi-threaded <or> multi-threads)<near/1> (switch <or> switches <or> switching <or> switched))) <sentence> ((cache <or> caching <or> caches <or> cached) <near/4> (recover <or> recovered <or> recovering <or> recovers)))<in>metadata)

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switch + map + cache + (load or pre-load)

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T Alexander - 1995 - kedem.cs.duke.edu

... a 1st and 2nd Order **MAP** : : : : 63 3.7 ... a context **switch**  
and executes a different ... may cause a **cache** miss. ...

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